

Review of Monitoring Tools & Apps for the Brazilian Amazon



Project Title	Review of Monitoring Tools & Apps for the Brazilian Amazon
Project Summary	USAID/Brazil seeks one to two motivated interns to research, review, and synthesize information about tools, websites, organizations, and apps useful to monitoring the Brazilian Amazon (e.g., deforestation alerts, wildlife trafficking, supply chains, timber harvesting, etc.).
Country	United States

Project Description

A number of organizations offer tools, data compilations, real-time alerts, or web apps that allow for monitoring various aspects of the Amazon and other tropical forests. USAID/Brazil seeks an intern to perform online research to produce a complete inventory of such monitoring tools, as well as a summary of what each tool offers, how it works, and a comparative synthesis that would assist the mission in determining how these tools may be useful for onmonitoring and evaluation purposes.

Examples of the kinds of initiatives included in this assignment are as follows:

App Meu Ambiente (<http://www.appmeuambiente.com.br/>)

Global Forest Watch (<http://commodities.globalforestwatch.org/#v=home>)

Imazon's Landscape Monitoring (<http://imazon.org.br/en/landscape-monitoring/>)

PRODES (<http://www.obt.inpe.br/OBT/assuntos/programas/amazonia/prodes>)

DETER-B (http://esensing.org/docs/Valeriano_DETER-B_JSTARS2015.pdf)

DEGRAD

Projeto TerraClass

Map Biomas (<http://mapbiomas.org/>)

The comparative analysis and synthesis portion of this assignment will include a list of critical questions, a careful deep dive into the metadata of various initiatives to understand the sources of data and their processing methods. The intern will need to identify which tools are based on shared sources of data and information, how the tools are the same or different, and make an informed but subjective assessment of how user-friendly each tool is.

Required Skills or Interests

Skill(s)

Analytical writing
Research
Writing

Additional Information

While Portuguese is not required, information about some of the tools may only be available in Portuguese. Also, an interest in tropical forest dynamics, Brazil, land use policy, and decision-science would be helpful.

Language Requirements

Language	Speaking Proficiency	Reading Proficiency	Importance
Portuguese	No practical proficiency	Minimum professional proficiency	Nice to Have